

Tommy W S Chow

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

173
papers

3,676
citations

33
h-index

53
g-index

186
ext. papers

4,361
ext. citations

5.3
avg, IF

6.06
L-index

#	Paper	IF	Citations
173	Deep Adversarial Subdomain Adaptation Network for Intelligent Fault Diagnosis. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	4
172	Kernel Based Statistical Process Monitoring and Fault Detection in the Presence of Missing Data. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	0
171	Monotone submodular subset for sentiment analysis of online reviews. <i>Neural Computing and Applications</i> , 2021 , 33, 12381	4.8	
170	Opinion subset selection via submodular maximization. <i>Information Sciences</i> , 2021 , 560, 283-306	7.7	0
169	Failure Prediction of Hard Disk Drives Based on Adaptive RaoBlackwellized Particle Filter Error Tracking Method. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 913-921	11.9	1
168	Multilabel Classification With Label-Specific Features and Classifiers: A Coarse- and Fine-Tuned Framework. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1028-1042	10.2	14
167	Duration Modeling with Semi-Markov Conditional Random Fields for Keyphrase Extraction. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 33, 1453-1466	4.2	1
166	Adaptive Particle Filter-Based Approach for RUL Prediction Under Uncertain Varying Stresses With Application to HDD. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 6272-6281	11.9	3
165	Semantic-Gap-Oriented Feature Selection and Classifier Construction in Multilabel Learning. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	3
164	Multilabel Classification With Group-Based Mapping: A Framework With Local Feature Selection and Local Label Correlation. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	3
163	Topic-Based Instance and Feature Selection in Multilabel Classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , PP,	10.3	2
162	Three-dimensional ultrasound evaluation of the effects of pomegranate therapy on carotid plaque texture using locality preserving projection. <i>Computer Methods and Programs in Biomedicine</i> , 2020 , 184, 105276	6.9	7
161	Spatiotemporal Tree Filtering for Enhancing Image Change Detection. <i>IEEE Transactions on Image Processing</i> , 2020 , PP,	8.7	3
160	Scalable Spectral Clustering for Overlapping Community Detection in Large-Scale Networks. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 32, 754-767	4.2	26
159	Matrix Completion via Sparse Factorization Solved by Accelerated Proximal Alternating Linearized Minimization. <i>IEEE Transactions on Big Data</i> , 2020 , 6, 119-130	3.2	6
158	Exactly Robust Kernel Principal Component Analysis. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 749-761	10.3	16
157	Bridging User Interest to Item Content for Recommender Systems: An Optimization Model. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4268-4280	10.2	24

156	Learning to Match Clothing From Textual Feature-Based Compatible Relationships. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 6750-6759	11.9	9
155	Label-specific feature selection and two-level label recovery for multi-label classification with missing labels. <i>Neural Networks</i> , 2019 , 118, 110-126	9.1	12
154	An Enhanced Trace Ratio Linear Discriminant Analysis for Fault Diagnosis: An Illustrated Example Using HDD Data. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019 , 68, 4629-4639	5.2	3
153	Learning with fuzzy hypergraphs: A topical approach to query-oriented text summarization. <i>Information Sciences</i> , 2019 , 496, 212-224	7.7	10
152	Query-oriented text summarization based on hypergraph transversals. <i>Information Processing and Management</i> , 2019 , 56, 1317-1338	6.3	19
151	Hard Disk Drives Failure Detection Using A Dynamic Tracking Method 2019 ,		3
150	Topic-Based Algorithm for Multilabel Learning With Missing Labels. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2138-2152	10.3	8
149	Fault Detection for Rolling-Element Bearings Using Multivariate Statistical Process Control Methods. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019 , 68, 3128-3136	5.2	24
148	Spectral clustering algorithms for the detection of clusters in block-cyclic and block-acyclic graphs. <i>Journal of Complex Networks</i> , 2019 , 7, 1-53	1.7	3
147	Graph model-based salient object detection using objectness and multiple saliency cues. <i>Neurocomputing</i> , 2019 , 323, 188-202	5.4	24
146	Fault diagnosis on wireless sensor network using the neighborhood kernel density estimation. <i>Neural Computing and Applications</i> , 2019 , 31, 4019-4030	4.8	13
145	Accelerated low-rank representation for subspace clustering and semi-supervised classification on large-scale data. <i>Neural Networks</i> , 2018 , 100, 39-48	9.1	17
144	True and fake information spreading over the Facebook. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 505, 984-994	3.3	9
143	Tree2Vector: Learning a Vectorial Representation for Tree-Structured Data. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5304-5318	10.3	54
142	Non-linear matrix completion. <i>Pattern Recognition</i> , 2018 , 77, 378-394	7.7	21
141	Robust non-negative sparse graph for semi-supervised multi-label learning with missing labels. <i>Information Sciences</i> , 2018 , 422, 336-351	7.7	23
140	The competitive information spreading over multiplex social networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 503, 981-990	3.3	3
139	Prostate lesion delineation from multiparametric magnetic resonance imaging based on locality alignment discriminant analysis. <i>Medical Physics</i> , 2018 , 45, 4607-4618	4.4	5

138	Object-Level Video Advertising: An Optimization Framework. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 520-531	11.9	141
137	Route Selection for Cabling Considering Cost Minimization and Earthquake Survivability Via a Semi-Supervised Probabilistic Model. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 502-511	11.9	20
136	Matrix completion by least-square, low-rank, and sparse self-representations. <i>Pattern Recognition</i> , 2017 , 71, 290-305	7.7	37
135	Rolling fault diagnosis via robust semi-supervised model with capped l2,1-norm regularization 2017 , ,		3
134	Sparse subspace clustering for data with missing entries and high-rank matrix completion. <i>Neural Networks</i> , 2017 , 93, 36-44	9.1	27
133	Prostate lesion detection and localization based on locality alignment discriminant analysis 2017 ,		2
132	Multi-Label Low-dimensional Embedding with Missing Labels. <i>Knowledge-Based Systems</i> , 2017 , 137, 65-82.3	7.3	11
131	MD-based approaches for system health monitoring: a review. <i>IET Science, Measurement and Technology</i> , 2017 , 11, 371-379	1.5	8
130	Sensitive three-dimensional ultrasound assessment of carotid atherosclerosis by weighted average of local vessel wall and plaque thickness change. <i>Medical Physics</i> , 2017 , 44, 5280-5292	4.4	11
129	Nonlinear Dimensionality Reduction for Data with Disconnected Neighborhood Graph. <i>Neural Processing Letters</i> , 2017 , 47, 697	2.4	2
128	A Hypergraph Model for Incorporating Social Interactions in Collaborative Filtering 2017 ,		3
127	Locality Alignment Discriminant Analysis for Visualizing Regional English. <i>Neural Processing Letters</i> , 2016 , 43, 295-307	2.4	3
126	Three-dimensional ultrasound measurements of carotid vessel wall and plaque thickness and their relationship with pulmonary abnormalities in ex-smokers without airflow limitation. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32, 1391-1402	2.5	7
125	. <i>IEEE Transactions on Industrial Informatics</i> , 2016 , 12, 933-940	11.9	37
124	Organizing Books and Authors by Multilayer SOM. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 2537-2550	10.3	56
123	Anomaly Detection and Fault Prognosis for Bearings. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2016 , 65, 2046-2054	5.2	103
122	Locality Constrained-Sparse Subspace Clustering for Image Clustering. <i>Neurocomputing</i> , 2016 , 205, 22-31	5.4	3
121	Sparse Codes Auto-Extractor for Classification: A Joint Embedding and Dictionary Learning Framework for Representation. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 3790-3805	4.8	58

120	Graph Based Constrained Semi-Supervised Learning Framework via Label Propagation over Adaptive Neighborhood. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2015 , 27, 2362-2376	4.2	61
119	Clustering Heterogeneous Data with k-Means by Mutual Information-Based Unsupervised Feature Transformation. <i>Entropy</i> , 2015 , 17, 1535-1548	2.8	14
118	Heterogeneous feature subset selection using mutual information-based feature transformation. <i>Neurocomputing</i> , 2015 , 168, 706-718	5.4	23
117	Wireless sensor network fault detection via semi-supervised local kernel density estimation 2015 ,		2
116	Learning from normalized local and global discriminative information for semi-supervised regression and dimensionality reduction. <i>Information Sciences</i> , 2015 , 324, 286-309	7.7	42
115	Topology-based clustering using polar self-organizing map. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 798-807	10.3	6
114	Kuiper test and autoregressive model-based approach for wireless sensor network fault diagnosis. <i>Wireless Networks</i> , 2015 , 21, 829-839	2.5	23
113	Automatic image annotation via compact graph based semi-supervised learning. <i>Knowledge-Based Systems</i> , 2015 , 76, 148-165	7.3	53
112	Probabilistic fault detector for Wireless Sensor Network. <i>Expert Systems With Applications</i> , 2014 , 41, 3703-3711	7.8	54
111	A Two-Step Parametric Method for Failure Prediction in Hard Disk Drives. <i>IEEE Transactions on Industrial Informatics</i> , 2014 , 10, 419-430	11.9	62
110	Label propagation and soft-similarity measure for graph based Constrained Semi-Supervised Learning 2014 ,		3
109	A High-Throughput Zebrafish Screening Method for Visual Mutants by Light-Induced Locomotor Response. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2014 , 11, 693-701	3	20
108	Tribological Degradation of Head/Disk Interface in Hard Disk Drives Under Accelerated Wear Condition. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 27-33	2	22
107	Compact Graph based Semi-Supervised Learning for Medical Diagnosis in Alzheimer's Disease. <i>IEEE Signal Processing Letters</i> , 2014 , 21, 1192-1196	3.2	19
106	Analyzing rough set based attribute reductions by extension rule. <i>Neurocomputing</i> , 2014 , 123, 185-196	5.4	6
105	Soft label based Linear Discriminant Analysis for image recognition and retrieval. <i>Computer Vision and Image Understanding</i> , 2014 , 121, 86-99	4.3	20
104	A general soft label based linear discriminant analysis for semi-supervised dimensionality reduction. <i>Neural Networks</i> , 2014 , 55, 83-97	9.1	48
103	Mining language variation using word using and collocation characteristics. <i>Expert Systems With Applications</i> , 2014 , 41, 7805-7819	7.8	3

102	Image retrieval using an improved similarity measure: SRIC Similarity with Region Importance and Consistency 2014 ,		1
101	Motor Bearing Fault Diagnosis Using Trace Ratio Linear Discriminant Analysis. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 2441-2451	8.9	266
100	Weighted local and global regressive mapping: A new manifold learning method for machine fault classification. <i>Engineering Applications of Artificial Intelligence</i> , 2014 , 30, 118-128	7.2	23
99	Text style analysis using trace ratio criterion patch alignment embedding. <i>Neurocomputing</i> , 2014 , 136, 201-212	5.4	1
98	SEMISUPERVISED MULTIMODAL DIMENSIONALITY REDUCTION. <i>Computational Intelligence</i> , 2013 , 29, 70-110	2.5	1
97	Neighborhood field for cooperative optimization. <i>Soft Computing</i> , 2013 , 17, 819-834	3.5	42
96	Binary- and Multi-class Group Sparse Canonical Correlation Analysis for Feature Extraction and Classification. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2013 , 25, 2192-2205	4.2	49
95	Trace Ratio Linear Discriminant Analysis for Medical Diagnosis: A Case Study of Dementia. <i>IEEE Signal Processing Letters</i> , 2013 , 20, 431-434	3.2	12
94	M-Isomap: Orthogonal Constrained Marginal Isomap for Nonlinear Dimensionality Reduction. <i>IEEE Transactions on Cybernetics</i> , 2013 , 43, 180-91	10.2	50
93	Recognition of word collocation habits using frequency rank ratio and inter-term intimacy. <i>Expert Systems With Applications</i> , 2013 , 40, 4301-4314	7.8	6
92	A novel feature selection method and its application. <i>Journal of Intelligent Information Systems</i> , 2013 , 41, 235-268	2.1	5
91	Anomaly detection of cooling fan and fault classification of induction motor using Mahalanobis-Maguchi system. <i>Expert Systems With Applications</i> , 2013 , 40, 5787-5795	7.8	57
90	Naming Game with Multiple Hearers. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2013 , 18, 1214-1228	3.7	17
89	Binary neighbourhood field optimisation for unit commitment problems. <i>IET Generation, Transmission and Distribution</i> , 2013 , 7, 298-308	2.5	16
88	Adaptive iterative learning control of non-linear MIMO continuous systems with iteration-varying initial error and reference trajectory. <i>International Journal of Systems Science</i> , 2013 , 44, 786-794	2.3	20
87	Trace Ratio Optimization-Based Semi-Supervised Nonlinear Dimensionality Reduction for Marginal Manifold Visualization. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2013 , 25, 1148-1161	4.2	75
86	Novel 3D ultrasound image-based biomarkers based on a feature selection from a 2D standardized vessel wall thickness map: a tool for sensitive assessment of therapies for carotid atherosclerosis. <i>Physics in Medicine and Biology</i> , 2013 , 58, 5959-82	3.8	14
85	Contour Gradient Optimization. <i>International Journal of Swarm Intelligence Research</i> , 2013 , 4, 1-28	1.1	5

84	Maximum Margin Multisurface Support Tensor Machines with application to image classification and segmentation. <i>Expert Systems With Applications</i> , 2012 , 39, 849-860	7.8	23
83	A multi-level matching method with hybrid similarity for document retrieval. <i>Expert Systems With Applications</i> , 2012 , 39, 2710-2719	7.8	9
82	Robust linearly optimized discriminant analysis. <i>Neurocomputing</i> , 2012 , 79, 140-157	5.4	17
81	Trace ratio criterion based generalized discriminative learning for semi-supervised dimensionality reduction. <i>Pattern Recognition</i> , 2012 , 45, 1482-1499	7.7	61
80	A two-dimensional Neighborhood Preserving Projection for appearance-based face recognition. <i>Pattern Recognition</i> , 2012 , 45, 1866-1876	7.7	51
79	A Two-Level Inspection Model With Technological Insertions. <i>IEEE Transactions on Reliability</i> , 2012 , 61, 479-490	4.6	11
78	A local multiobjective optimization algorithm using neighborhood field. <i>Structural and Multidisciplinary Optimization</i> , 2012 , 46, 853-870	3.6	14
77	Marginal semi-supervised sub-manifold projections with informative constraints for dimensionality reduction and recognition. <i>Neural Networks</i> , 2012 , 36, 97-111	9.1	33
76	On the theoretical and computational analysis between Trace Ratio LDA and null-space LDA 2012 ,		4
75	Extracting the informative constraints for semi-supervised marginal projections in multimodal dimensionality reduction 2012 ,		1
74	Constrained large Margin Local Projection algorithms and extensions for multimodal dimensionality reduction. <i>Pattern Recognition</i> , 2012 , 45, 4466-4493	7.7	24
73	Random walk-based fuzzy linear discriminant analysis for dimensionality reduction. <i>Soft Computing</i> , 2012 , 16, 1393-1409	3.5	1
72	On the Theoretical and Computational Analysis between SDA and Lap-LDA 2012 ,		1
71	Textual and visual content-based anti-phishing: a Bayesian approach. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 1532-46		116
70	Clonal selection programming for rotational machine fault classification and diagnosis 2011 ,		1
69	ITR-Score algorithm: An efficient Trace ratio criterion based algorithm for supervised dimensionality reduction 2011 ,		5
68	A coarse-to-fine framework to efficiently thwart plagiarism. <i>Pattern Recognition</i> , 2011 , 44, 471-487	7.7	18
67	PPoSOM: A new variant of PoSOM by using probabilistic assignment for multidimensional data visualization. <i>Neurocomputing</i> , 2011 , 74, 2018-2027	5.4	13

66	Multivariate data classification using PolSOM 2011 ,		3
65	An efficient strategy for enhancing traffic capacity by removing links in scale-free networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010 , 2010, P01016	1.9	42
64	Self-organizing potential field network: a new optimization algorithm. <i>IEEE Transactions on Neural Networks</i> , 2010 , 21, 1482-95		12
63	A novel dual wing harmonium model aided by 2-D wavelet transform subbands for document data mining. <i>Expert Systems With Applications</i> , 2010 , 37, 4403-4412	7.8	2
62	PolSOM: A new method for multidimensional data visualization. <i>Pattern Recognition</i> , 2010 , 43, 1668-1675	7.7	32
61	Network topological optimization for packet routing using multi-objective simulated annealing method. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010 , 389, 871-880	3.3	5
60	Content-based hierarchical document organization using multi-layer hybrid network and tree-structured features. <i>Expert Systems With Applications</i> , 2010 , 37, 2874-2881	7.8	9
59	A new dual wing harmonium model for document retrieval. <i>Pattern Recognition</i> , 2009 , 42, 2950-2960	7.7	15
58	Induction machine fault detection using clone selection programming. <i>Expert Systems With Applications</i> , 2009 , 36, 8000-8012	7.8	27
57	Clone selection programming and its application to symbolic regression. <i>Expert Systems With Applications</i> , 2009 , 36, 3996-4005	7.8	23
56	Computational accounting in determining Chart of Accounts using nominal data analysis and concept of entropy. <i>Expert Systems With Applications</i> , 2009 , 36, 6966-6977	7.8	3
55	A new document representation using term frequency and vectorized graph connectionists with application to document retrieval. <i>Expert Systems With Applications</i> , 2009 , 36, 12023-12035	7.8	20
54	Quasi-sliding mode based repetitive control for nonlinear continuous-time systems with rejection of periodic disturbances. <i>Automatica</i> , 2009 , 45, 103-108	5.7	15
53	Multilayer SOM with tree-structured data for efficient document retrieval and plagiarism detection. <i>IEEE Transactions on Neural Networks</i> , 2009 , 20, 1385-402		40
52	Enhanced feature selection models using gradient-based and point injection techniques. <i>Neurocomputing</i> , 2008 , 71, 3114-3123	5.4	5
51	A new feature selection scheme using a data distribution factor for unsupervised nominal data. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2008 , 38, 499-509		21
50	Iterative learning control for a class of nonlinear discrete-time systems with multiple input delays. <i>International Journal of Systems Science</i> , 2008 , 39, 361-369	2.3	14
49	Data Reduction for Pattern Recognition and Data Analysis. <i>Studies in Computational Intelligence</i> , 2008 , 81-109	0.8	4

48	Effective Gene Selection Method Using Bayesian Discriminant Based Criterion and Genetic Algorithms. <i>Journal of Signal Processing Systems</i> , 2008 , 50, 293-304	1.4	7
47	A flexible multi-layer self-organizing map for generic processing of tree-structured data. <i>Pattern Recognition</i> , 2007 , 40, 1406-1424	7.7	19
46	A new image classification technique using tree-structured regional features. <i>Neurocomputing</i> , 2007 , 70, 1040-1050	5.4	26
45	Improving the effectiveness of RBF classifier based on a hybrid cost function. <i>Neural Computing and Applications</i> , 2007 , 16, 395-405	4.8	2
44	Repetitive Learning Control of Nonlinear Continuous-Time Systems Using Quasi-Sliding Mode. <i>IEEE Transactions on Control Systems Technology</i> , 2007 , 15, 369-374	4.8	8
43	Identifying the biologically relevant gene categories based on gene expression and biological data: an example on prostate cancer. <i>Bioinformatics</i> , 2007 , 23, 1503-10	7.2	13
42	Self-organizing and self-evolving neurons: a new neural network for optimization. <i>IEEE Transactions on Neural Networks</i> , 2007 , 18, 385-96		31
41	Enhancing density-based data reduction using entropy. <i>Neural Computation</i> , 2006 , 18, 470-95	2.9	13
40	Using Cellular Probabilistic Self-Organizing Map in Borrowing Channel Assignment for Patterned Traffic Load. <i>Neural Processing Letters</i> , 2006 , 23, 71-88	2.4	
39	Face Matching in Large Database by Self-Organizing Maps. <i>Neural Processing Letters</i> , 2006 , 23, 305-323	2.4	2
38	Robust face recognition using generalized neural reflectance model. <i>Neural Computing and Applications</i> , 2006 , 15, 170-182	4.8	2
37	Improvement of borrowing channel assignment for patterned traffic load by online cellular probabilistic self-organizing map. <i>Neural Computing and Applications</i> , 2006 , 15, 298-309	4.8	3
36	Content-based image retrieval by using tree-structured features and multi-layer self-organizing map. <i>Pattern Analysis and Applications</i> , 2006 , 9, 1-20	2.3	28
35	An Excellent Feature Selection Model Using Gradient-Based and Point Injection Techniques. <i>Lecture Notes in Computer Science</i> , 2006 , 679-692	0.9	
34	PRsOM: a new visualization method by hybridizing multidimensional scaling and self-organizing map. <i>IEEE Transactions on Neural Networks</i> , 2005 , 16, 1362-80		54
33	Estimating optimal feature subsets using efficient estimation of high-dimensional mutual information. <i>IEEE Transactions on Neural Networks</i> , 2005 , 16, 213-24		108
32	Content-based image retrieval using growing hierarchical self-organizing quadtree map. <i>Pattern Recognition</i> , 2005 , 38, 707-722	7.7	21
31	Effective feature selection scheme using mutual information. <i>Neurocomputing</i> , 2005 , 63, 325-343	5.4	78

30	Blind adaptive identification of FIR channel in chaotic communication systems. <i>Chinese Physics B</i> , 2004 , 13, 329-334		4
29	Clustering of the self-organizing map using a clustering validity index based on inter-cluster and intra-cluster density. <i>Pattern Recognition</i> , 2004 , 37, 175-188	7.7	104
28	Cell-splitting grid: a self-creating and self-organizing neural network. <i>Neurocomputing</i> , 2004 , 57, 373-387	5.4	15
27	A new shifting grid clustering algorithm. <i>Pattern Recognition</i> , 2004 , 37, 503-514	7.7	44
26	An Improved Multipath Channel Identification Algorithm Using Multichannel Linear Prediction. <i>Circuits, Systems, and Signal Processing</i> , 2004 , 23, 153-168	2.2	
25	Self-Organizing-Map Based Clustering Using a Local Clustering Validity Index. <i>Neural Processing Letters</i> , 2003 , 17, 253-271	2.4	10
24	A People-Counting System Using a Hybrid RBF Neural Network. <i>Neural Processing Letters</i> , 2003 , 18, 97-113	1.3	14
23	Piecewise Linear Projection Based on Self-Organizing Map. <i>Neural Processing Letters</i> , 2002 , 16, 151-163	2.4	
22	Shape From Shading by Using Neural Based Colour Reflectance Model. <i>Neural Processing Letters</i> , 2002 , 16, 121-136	2.4	
21	A New Color 3D SFS Methodology Using Neural-Based Color Reflectance Models and Iterative Recursive Method. <i>Neural Computation</i> , 2002 , 14, 2751-2789	2.9	8
20	Least third-order cumulant method with adaptive regularization parameter selection for neural networks. <i>Artificial Intelligence</i> , 2001 , 127, 169-197	3.6	4
19	Enhanced 3D shape recovery using the neural-based hybrid reflectance model. <i>Neural Computation</i> , 2001 , 13, 2617-37	2.9	4
18	A Neural Network Based Shape-from-Shading Measuring Technique for Engineering Industries. <i>Measurement and Control</i> , 2001 , 34, 212-215	1.5	
17	Two-dimensional learning strategy for multilayer feedforward neural network. <i>Neurocomputing</i> , 2000 , 34, 195-206	5.4	5
16	A weight initialization method for improving training speed in feedforward neural network. <i>Neurocomputing</i> , 2000 , 30, 219-232	5.4	113
15	Synthesis of the sliding-mode neural network controller for unknown nonlinear discrete-time systems. <i>International Journal of Systems Science</i> , 2000 , 31, 401-408	2.3	6
14	Linear neural network based blind equalization. <i>Signal Processing</i> , 1999 , 76, 37-42	4.4	18
13	Adaptive regularization parameter selection method for enhancing generalization capability of neural networks. <i>Artificial Intelligence</i> , 1999 , 107, 347-356	3.6	11

12	A Fast Heuristic Global Learning Algorithm for Multilayer Neural Networks. <i>Neural Processing Letters</i> , 1999 , 9, 177-187	2.4	4
11	A Fast Neural Learning Vision System for Crowd Estimation at Underground Stations Platform. <i>Neural Processing Letters</i> , 1999 , 10, 111-120	2.4	15
10	Training multilayer neural networks using fast global learning algorithm - least-squares and penalized optimization methods. <i>Neurocomputing</i> , 1999 , 25, 115-131	5.4	39
9	Iterative Learning Control of Linear Discrete-Time Multivariable Systems. <i>Automatica</i> , 1998 , 34, 1459-1467	5.7	24
8	A Layer-by-Layer Least Squares based Recurrent Networks Training Algorithm: Stalling and Escape. <i>Neural Processing Letters</i> , 1998 , 7, 15-25	2.4	2
7	Third-order cumulant RLS algorithm for nonminimum ARMA systems identification. <i>Signal Processing</i> , 1997 , 61, 23-38	4.4	12
6	A new method in determining initial weights of feedforward neural networks for training enhancement. <i>Neurocomputing</i> , 1997 , 16, 23-32	5.4	41
5	A novel noise robust fourth-order cumulants cost function. <i>Neurocomputing</i> , 1997 , 16, 139-147	5.4	5
4	Feedforward Neural Networks Based Input-Output Models for Railway Carriage System Identification. <i>Neural Processing Letters</i> , 1997 , 5, 57-67	2.4	2
3	Nonlinear dilation network for prediction applications. <i>Engineering Applications of Artificial Intelligence</i> , 1996 , 9, 301-308	7.2	
2	A least third-order cumulants objective function. <i>Neural Processing Letters</i> , 1996 , 3, 91-99	2.4	4
1	Accelerated training algorithm for feedforward neural networks based on least squares method. <i>Neural Processing Letters</i> , 1995 , 2, 20-25	2.4	8